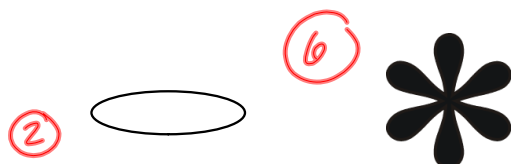
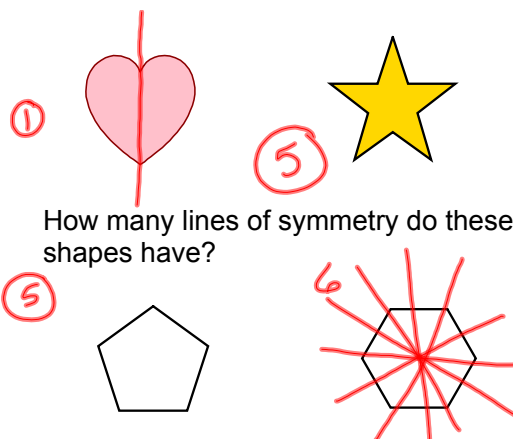


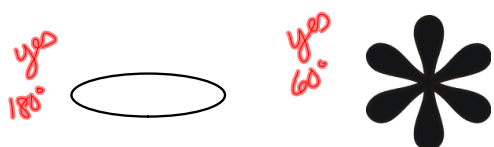
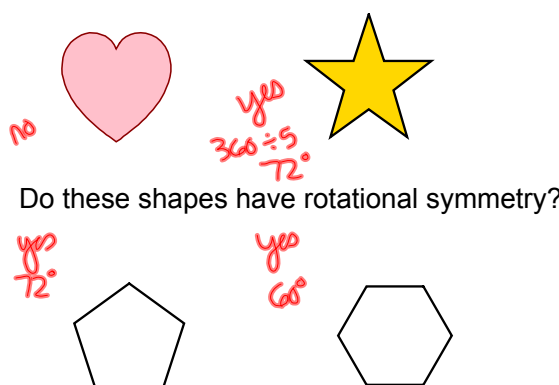
## 9.6 Identify Symmetry

line symmetry--if a figure can be mapped onto itself by a reflection in a line (known as the line of symmetry)

rotational symmetry--if a figure can be mapped onto itself by a rotation of  $180^\circ$  or less about the center of the figure (known as the center of symmetry)



How many lines of symmetry do these shapes have?



Do these shapes have rotational symmetry?



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~~A~~ ~~B~~ ~~C~~ ~~D~~ ~~E~~ ~~F~~ G  
~~H~~ ~~I~~ J K L M N O  
 P Q R S T U V  
 W X Y Z

CHECKBOOK  
 WOW I A  
 MOM BIB  
 OBOE BOB  
 HUBB  
 DECIDE ATOTOTA

Words with symmetry

SOS

SWIMS